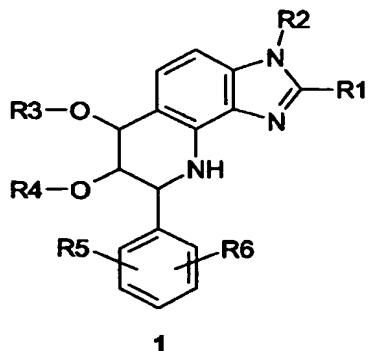


Patent Claims**1. A compound of the formula 1:**

in which

- R1 is hydrogen, halogen, 1-4C-alkyl, 3-7C-cycloalkyl, 3-7C-cycloalkyl-1-4C-alkyl, 1-4C-alkoxy, 1-4C-alkoxy-1-4C-alkyl, 1-4C-alkoxycarbonyl, 2-4C-alkenyl, 2-4C-alkynyl, fluoro-1-4C-alkyl, fluoro-1-4C-alkoxy-1-4C-alkyl or hydroxy-1-4C-alkyl,
- R2 is hydrogen, 1-4C-alkyl, 3-7C-cycloalkyl, 3-7C-cycloalkyl-1-4C-alkyl, 1-4C-alkoxy-1-4C-alkyl, 2-4C-alkenyl, 2-4C-alkynyl, fluoro-1-4C-alkyl or hydroxy-1-4C-alkyl,
- R3 is hydrogen, 1-4C-alkyl, 3-7C-cycloalkyl, 3-7C-cycloalkyl-1-4C-alkyl, 1-4C-alkoxy-1-4C-alkyl, fluoro-1-4C-alkyl, fluoro-1-4C-alkoxy-1-4C-alkyl, hydroxy-1-4C-alkyl or a radical aryl-1-4C-alkyl

wherein

aryl is a phenyl substituted by R31 and R32

where

R31 is hydrogen, 1-4C-alkyl, fluoro-1-4C-alkyl, 1-4C-alkoxy or fluoro-1-4C-alkoxy and

R32 is hydrogen, 1-4C-alkyl, fluoro-1-4C-alkyl, 1-4C-alkoxy or fluoro-1-4C-alkoxy,

- R4 is hydrogen, 1-4C-alkyl, 3-7C-cycloalkyl, 3-7C-cycloalkyl-1-4C-alkyl, 1-4C-alkoxy-1-4C-alkyl, fluoro-1-4C-alkyl, fluoro-1-4C-alkoxy-1-4C-alkyl or hydroxy-1-4C-alkyl,

or where R3 and R4 together form a methylene (-CH₂-), an ethylene (-CH₂-CH₂-), a propylene

(-CH₂-CH₂-CH₂-) or a isopropylidene (-C(CH₃)₃) radical,

- R5 is hydrogen, halogen, 1-4C-alkyl or fluoro-1-4C-alkyl

- R6 is hydrogen, halogen, 1-4C-alkyl or fluoro-1-4C-alkyl

and its salts.

2. A compound of the formula 1 as claimed in claim 1, in which

in which

- R1 is hydrogen, halogen, 1-4C-alkyl, 3-7C-cycloalkyl, 3-7C-cycloalkyl-1-4C-alkyl, 1-4C-alkoxy, 1-4C-alkoxy-1-4C-alkyl, 1-4C-alkoxycarbonyl, 2-4C-alkenyl, 2-4C-alkynyl, fluoro-1-4C-alkyl, fluoro-1-4C-alkoxy-1-4C-alkyl or hydroxy-1-4C-alkyl,

- 32 -

- R2 is hydrogen, 1-4C-alkyl, 3-7C-cycloalkyl, 3-7C-cycloalkyl-1-4C-alkyl, 1-4C-alkoxy-1-4C-alkyl, 2-4C-alkenyl, 2-4C-alkynyl, fluoro-1-4C-alkyl or hydroxy-1-4C-alkyl,
R3 is hydrogen, 1-4C-alkyl, 3-7C-cycloalkyl, 3-7C-cycloalkyl-1-4C-alkyl, 1-4C-alkoxy-1-4C-alkyl, fluoro-1-4C-alkyl, fluoro-1-4C-alkoxy- 1-4C-alkyl or hydroxy-1-4C-alkyl,
R4 is hydrogen, 1-4C-alkyl, 3-7C-cycloalkyl, 3-7C-cycloalkyl-1-4C-alkyl, 1-4C-alkoxy-1-4C-alkyl, fluoro-1-4C-alkyl, fluoro-1-4C-alkoxy-1-4C-alkyl or hydroxy-1-4C-alkyl
R5 is hydrogen, halogen, 1-4C-alkyl or fluoro-1-4C-alkyl
R6 is hydrogen, halogen, 1-4C-alkyl or fluoro-1-4C-alkyl
and its salts.

3. A compound of the formula 1 as claimed in claim 1, in which

- R1 is hydrogen, 1-4C-alkyl or 3-7C-cycloalkyl,
R2 is hydrogen, 1-4C-alkyl or 3-7C-cycloalkyl,
R3 is hydrogen, 1-4C-alkyl, 3-5C-cycloalkyl, 1-4C-alkoxy-1-4C-alkyl, fluoro-1-4C-alkyl, fluoro-1-4C-alkoxy-1-4C-alkyl, hydroxy-1-4C-alkyl or a radical aryl-1-4C-alkyl
wherein
aryl is a phenyl substituted by R31 and R32
where
R31 is hydrogen, 1-4C-alkyl, fluoro-1-4C-alkyl, 1-4C-alkoxy or fluoro-1-4C-alkoxy and
R32 is hydrogen, 1-4C-alkyl, fluoro-1-4C-alkyl, 1-4C-alkoxy or fluoro-1-4C-alkoxy,
R4 is hydrogen, 1-4C-alkyl or hydroxy-1-4C-alkyl
or where R3 and R4 together form a methylene (-CH₂-), an ethylene (-CH₂-CH₂-), a propylene (-CH₂-CH₂-CH₂-) or a isopropylidene (-C(CH₃)₃-) radical,
R5 is hydrogen, fluoro, 1-4C-alkyl or fluoro-1-4C-alkyl
R6 is hydrogen, fluoro, 1-4C-alkyl or fluoro-1-4C-alkyl
and its salts.

4. A compound of the formula 1 as claimed in claim 1, in which

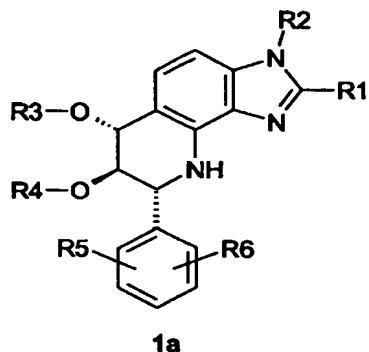
- R1 is 1-4C-alkyl,
R2 is hydrogen or 1-4C-alkyl,
R3 is hydrogen, 1-4C-alkyl, 3-7C-cycloalkyl-1-4C-alkyl, 1-4C-alkoxy-1-4C-alkyl, fluoro-1-4C-alkyl, or a radical Aryl-1-4C-alkyl,
wherein
Aryl is phenyl,
R4 is hydrogen,
or where R3 and R4 together form an ethylene (-CH₂-CH₂-) radical,
R5 is hydrogen and
R6 is hydrogen,
and its salts.

5. A compound of the formula 1 as claimed in claim 1, in which

- 33 -

- R1 is 1-4C-alkyl,
 - R2 is 1-4C-alkyl,
 - R3 is hydrogen, 1-4C-alkyl or 1-4C-alkoxy-1-4C-alkyl
 - R4 is hydrogen,
 - R5 is hydrogen,
 - R6 is hydrogen
- and its salts.

6. A compound of the formula 1 as claimed in claim 1, characterized by the formula 1a,



in which

- R1 is hydrogen, halogen, 1-4C-alkyl, 3-7C-cycloalkyl, 3-7C-cycloalkyl-1-4C-alkyl, 1-4C-alkoxy, 1-4C-alkoxy-1-4C-alkyl, 1-4C-alkoxycarbonyl, 2-4C-alkenyl, 2-4C-alkynyl, fluoro-1-4C-alkyl, fluoro-1-4C-alkoxy-1-4C-alkyl or hydroxy-1-4C-alkyl,
- R2 is hydrogen, 1-4C-alkyl, 3-7C-cycloalkyl, 3-7C-cycloalkyl-1-4C-alkyl, 1-4C-alkoxy-1-4C-alkyl, 2-4C-alkenyl, 2-4C-alkynyl, fluoro-1-4C-alkyl or hydroxy-1-4C-alkyl,
- R3 is hydrogen, 1-4C-alkyl, 3-7C-cycloalkyl, 3-7C-cycloalkyl-1-4C-alkyl, 1-4C-alkoxy-1-4C-alkyl, fluoro-1-4C-alkyl, fluoro-1-4C-alkoxy-1-4C-alkyl, hydroxy-1-4C-alkyl or a radical aryl-1-4C-alkyl
wherein
aryl is a phenyl substituted by R31 and R32

where

R31 is hydrogen, 1-4C-alkyl, fluoro-1-4C-alkyl, 1-4C-alkoxy or fluoro-1-4C-alkoxy and
R32 is hydrogen, 1-4C-alkyl, fluoro-1-4C-alkyl, 1-4C-alkoxy or fluoro-1-4C-alkoxy,

- R4 is hydrogen, 1-4C-alkyl, 3-7C-cycloalkyl, 3-7C-cycloalkyl-1-4C-alkyl, 1-4C-alkoxy-1-4C-alkyl, fluoro-1-4C-alkyl, fluoro-1-4C-alkoxy-1-4C-alkyl or hydroxy-1-4C-alkyl,

or where R3 and R4 together form a methylene (-CH₂-), an ethylene (-CH₂-CH₂-), a propylene (-CH₂-CH₂-CH₂-) or a isopropylidene (-C(CH₃)₃-) radical,

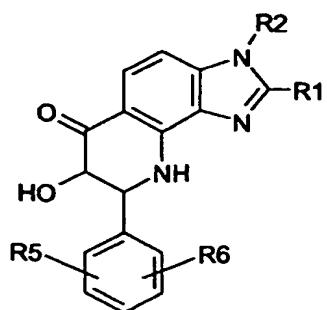
- R5 is hydrogen, halogen, 1-4C-alkyl or fluoro-1-4C-alkyl

- R6 is hydrogen, halogen, 1-4C-alkyl or fluoro-1-4C-alkyl

and its salts.

7. A compound of the formula 3

- 34 -



in which

R1, R2, R5 and R6 have the meanings as indicated in claim 1
and its salts.

8. A process for the synthesis of compounds of the formula 1 as claimed in claim 1, which comprises
 - converting compounds of the formula 3 as claimed in claim 7 to compounds of the formula 1 as claimed in claim 1.
9. A medicament comprising a compound as claimed in claim 1 and/or a pharmacologically acceptable salt thereof together with customary pharmaceutical auxiliaries and/or excipients.
10. The use of a compound as claimed in claim 1 and its pharmacologically acceptable salts for the prevention and treatment of gastrointestinal disorders.